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(54) Title: USE OF TRANSITION METAL COMPOUNDS IN IMAGEABLE COATINGS

(57) Abstract: A process for forming an image on a substrate, which comprises coating the substrate with an amine of molybdenum, tungsten or vanadium that changes colour on heating or irradiation as an aqueous dispersion or suspension or as a solution in an organic solvent. Also described is a coated substrate, wherein the coating is a substantially visible light-transparent layer comprising an amine compound of molybdenum, tungsten or vanadium, and a solution of said amine compound and a thermoplastic polymer or a photo-polymerisable monomer.

WO 2004/043704 A1

## INTERNATIONAL SEARCH REPORT

Internat. Application No.

PCT/GB 03/04894

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B41M5/26 C09D133/12 C09D129/04 C09D4/00 C08K5/19  
G03C1/725

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 4 237 212 A (INOUE EIICHI ET AL) 2 December 1980 (1980-12-02) column 4, line 9 -column 5, line 14 examples 12,20 ----	1,3-18
X	GB 1 565 469 A (DAINIPPON PRINTING CO LTD) 23 April 1980 (1980-04-23) page 3, line 23 - line 111 example 8 ----	1,3-18
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 664 (M-1523), 8 December 1993 (1993-12-08) & JP 05 221121 A (MITSUI PETROCHEM IND LTD), 31 August 1993 (1993-08-31) abstract	1,2,11, 16,17

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